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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767,676	01/29/2004	Gerhard Benning	2001PI5983WOUS	5989

7590 07/13/2007  
SIEMENS CORPORATION  
INTELLECTUAL PROPERTY DEPT.  
170 WOOD AVENUE SOUTH  
ISELIN, NJ 08830

EXAMINER
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BRANDT, CHRISTOPHER M

ART UNIT	PAPER NUMBER
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2617

MAIL DATE	DELIVERY MODE
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07/13/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/767,676

Applicant(s)

BENNING ET AL.

Examiner

Christopher M. Brandt

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 30 April 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*.See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Response to Amendment***

This Action is in response to Applicant's amendment filed on April 30, 2007. **Claims 1-17** are still pending in the present application. **This Action is made FINAL.**

***Response to Arguments***

The examiner acknowledges the amendments to **claims 6, 14, and 15** regarding the term "Bluetooth", the examiner withdraws the 112 rejections.

The examiner notes that the previous Office Action was incorrectly labeled with a 35 USC 102(e) rejection. The Office Action should have been labeled with a 35 USC 102(b) rejection since **Edwards et al. (GB 2361131, hereinafter Edwards)** was published more than one year prior to the filing date in the United States. As a result, the Office Action is applicable since Edwards still qualifies as prior art.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

**Claims 1-17** are rejected under 35 USC 102(b) as being anticipated by **Edwards et al. (GB 2361131, hereinafter Edwards)**.

Consider **claim 1**. Edwards discloses an arrangement for a wireless connection of terminal device to a communication system (abstract), comprising:

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a data packet for the transmission of data packets using network addresses valid within the network (figure 2, page 3 lines 25-30, page 4 lines 3-13, page 6 lines 21-31, page 7 lines 29-30, page 12 lines 25-30, reads a Local Area Network LAN that provides a transport mechanism for voice, video and data signals between authorized terminals located within an area of interest);

at least one transition device coupled to the data packet network to which at least one short-range module is coupled (figure 2, page 6 lines 21-31, page 7 lines 1-5, read as a Bluetooth module coupled to a gateway which in turn is coupled to a LAN) the transition device having a coupling table with terminal device addresses of terminal devices located within the radio range of at least one short-range radio module (figure 2, page 6 lines 21-31, page 7 lines 9-17, read as the gateway establishes itself as a master station in its own piconet. It is noted that according to the Bluetooth standard that a master station has a list of addresses of terminal devices located within the radio range);

a server coupled to the data packet network for controlling connections to the terminal device the server having an allocation table in which a network address of a terminal to which transition device a short range radio module in whose radio range this terminal device is located is coupled (figure 2 item 30 and 34, page 8 lines 15-26, read as a processing centre with a registry database containing the addresses and associated attributes of all terminal devices in the network); and

a packet-based alignment protocol for the dynamic alignment of the allocation table with the coupling table (page 8 lines 15-26, page 9 lines 7-17, read as the processing center insures that connection requirements of the terminal devices).

Consider **claim 2 and as applied to claim 1**. Edwards discloses that the data packet network is realized by a network based on an Internet Protocol (figure 2, page 8 lines 28-31, page 9 lines 1-6).

Consider **claim 3 and as applied to claim 1**. Edwards discloses that the transition device comprises a translator between a network protocol used in the data packet network and a protocol specific to a radio module (figure 2, page 3 lines 25-30, page 4 lines 3-13, page 6 lines 21-31, page 7 lines 29-30, page 12 lines 25-30).

Consider **claim 4 and as applied to claim 3**. Edwards discloses that the translator comprises a detection device for detecting, by means of network protocol used, which terminal device-specific application a connection to a terminal device is allocated to, in order to be able to perform an application specific protocol conversion accordingly (page 3 lines 25-28, page 7 lines 9-17).

Consider **claim 5 and as applied to claim 3**. Edwards discloses that the protocol specific to a radio module having a specific interface and a specific data interface (page 4 lines 3-13, page 9-17).

Consider **claim 6 and as applied to claim 1**. Edwards discloses that an IEEE 802.15.1 standard module is used as a short-range radio module (abstract, page 3 lines 17-31).

Consider **claim 7 and as applied to claim 1**. Edwards discloses that a locating device uses the allocation table for determining a momentary location of a particular terminal (page 3 lines 25-31, page 8 lines 15-26).

Consider **claim 8 and as applied to claim 1**. Edwards discloses that a gateway device is coupled to the data packet network for coupling the data packet network to a forwarding communication network (figure 2, abstract, page 6 lines 21-31).

Consider **claim 9 and as applied to claim 1**. Edwards discloses a headset as a terminal device for voice connections (page 7 lines 1-9).

Consider **claim 10 and as applied to claim 1**. Edwards discloses a PDA (Personal Digital Assistant) as a terminal device for data connections (page 7 lines 1-9).

Consider **claim 11 and as applied to claim 1**. Edwards discloses a PDA (Personal Digital Assistant) as a terminal device for entering destination addresses for outgoing connections and for initiating those connections (page 7 lines 1-9).

Consider **claim 12 and as applied to claim 1**. Edwards discloses that the transition device comprises a translator for translation between a network protocol used in the data packet network and a protocol specific to a radio module (figure 2, figure 4, page 8 lines 27-29).

Consider **claim 13 and as applied to claim 4**. Edwards discloses that the protocol specific to a radio module having a specific voice interface and a specific data interface (page 4 lines 3-13, page 9-17).

Consider **claim 14 and as applied to claim 2**. Edwards discloses an IEEE 802.15.1 standard is used as a short-range radio module (abstract, page 3 lines 17-31).

Consider **claim 15 and as applied to claim 3**. Edwards discloses an IEEE 802.15.1 standard is used as a short-range radio module (abstract, page 3 lines 17-31).

Consider **claim 16 and as applied to claim 1**. Edwards discloses a locating device uses the allocation table for determining a momentary location of a particular terminal (page 3 lines 25-31, page 8 lines 15-26).

Consider **claim 17 and as applied to claim 2**. Edwards discloses a gateway device is coupled to the data packet network for coupling the data packet network to a forwarding communication network (figure 2, abstract, page 6 lines 21-31).

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any response to this Office Action should be **faxed to (571) 273-8300 or mailed to:**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Hand-delivered responses** should be brought to

Customer Service Window

Randolph Building  
401 Dulany Street

Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher M. Brandt whose telephone number is (571) 270-1098. The examiner can normally be reached on 7:30a.m. to 5p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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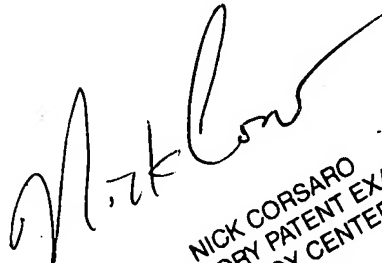
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.



Christopher M. Brandt

C.M.B./cmb

June 28, 2007



NICK CORSARO  
SUPERVISORY PATENT EXAMINER  
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